ARKANSAS DEPARTMENT OF TRANSPORTATION

SCOTT E. BENNETT, P.E. - DIRECTOR

CONCEPT EXHIBIT

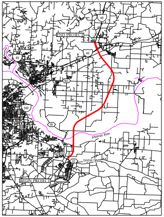
I-49 PROJECT
CRAWFORD AND SEBASTIAN COUNTIES

I-49
FROM HIGHWAY 22 TO INTERSTATE 40

PROJECT LENGTH - 14.3 MILES

ROADWAY TYPE	DESIGN SPEED
MAIN LANES	70 MPH
DIRECT CONNECTORS	40 MPH - 50 MPH
DIAGONAL/DIRECTIONAL RAMPS	40 MPH - 50 MPH
LOOP RAMPS	30 MPH - 35 MPH
CROSS STREETS	40 MPH

I-49 PROJECT
HIGHWAY CLASSIFICATION
URBAN FREEWAY


END PROJECT
BEGIN PROJECT
49
40
540
59
162
Arkansas River
Central City
22

N
CRAWFORD AND SEBASTIAN COUNTY
NOT TO SCALE

PRELIMINARY SUBJECT TO CHANGE BASED ON FURTHER DEVELOPMENTS RESULTING FROM PUBLIC INPUT AND TECHNICAL REVIEW.

LEGEND

- 🟨 Main Lanes
- 🟥 Direct Connector
- 🟩 Cross-Streets
- 🟦 Ramps (Diagonal/Directional/Loop)
- 🟨 Concrete Bridge Structure
- 🟥 Steel Bridge Structure
- — Bridge Substructure
- - - - Existing Storm Drain
- — Proposed Storm Drain
- ⬜ Bicycle / Pedestrian
- ⬛ Driveway / Cul-De-Sac
- 🟪 Potential Impacts
- 🟦 Zone A / AE Floodplain
- ⬜ Zone X Floodplain
- ▨ Zone AE Floodway
- 🟪 Cemetery
- -·-·- Existing STATE ROW
- -·-·- Proposed Construction Limits
- —·— Proposed Centerline / Baseline
- ▬ Proposed Retaining Wall
- 🟩 Project By Others
- ▩ Drainage Easement
- — Property Line
- ▩ Removal

NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

DATE APPROVED ☐

DATE SUBMITTED ☐

DATE REVISED ☐

0 100 200
HORIZONTAL

DATE: APRIL 26, 2018
PREPARED BY HNTB
UNDER THE SUPERVISION OF:
RUSSELL K. OZMER, P.E.

LICENSE NO. 17220

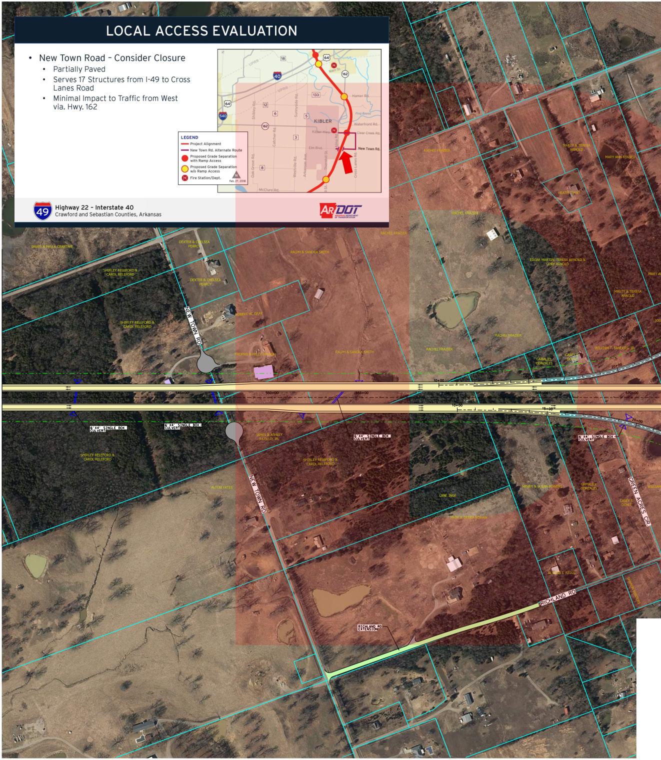
TABLE OF CONTENTS: ROLL
PLAN VIEW 1-4

SHEET 3 OF 4

HNTB
HNTB Corporation
The HNTB Companies
Engineers Architects Planners

ARDOT

MATCH LINE ℄ I-49 ML STA 535+00



LOCAL ACCESS EVALUATION

- New Town Road – Consider Closure
  - Partially Paved
  - Serves 17 Structures from I-49 to Cross Lanes Road
  - Minimal Impact to Traffic from West via. Hwy. 162

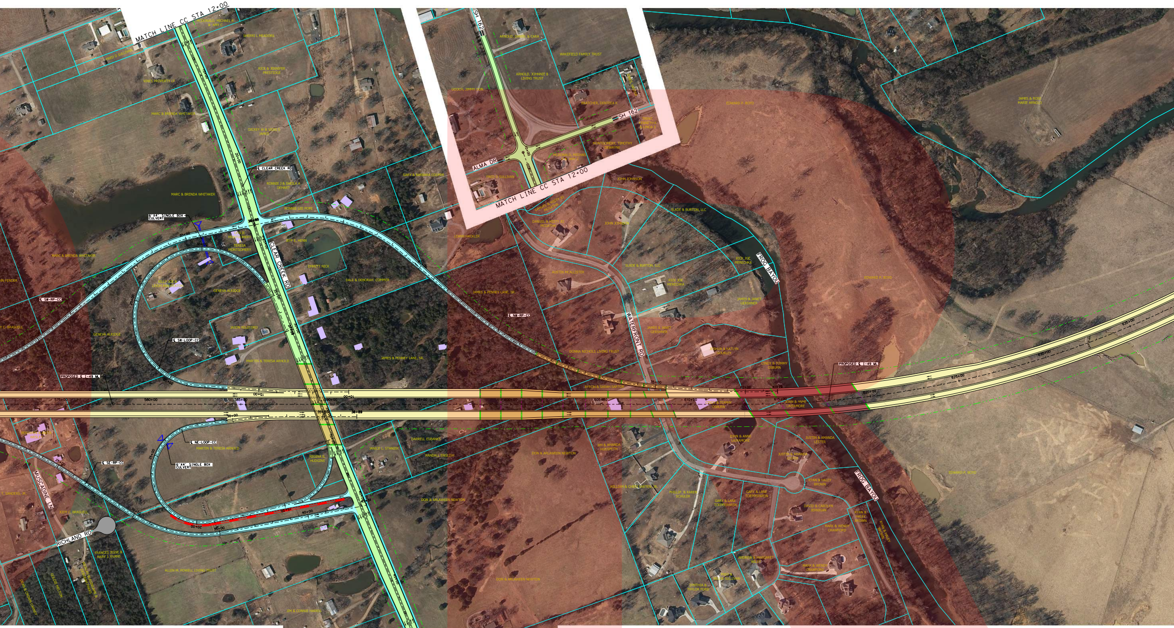
LEGEND
- ▬ Project Alignment
- ▬ New Town Rd. Alternate Route
- ● Proposed Grade Separation with Ramp Access
- ● Proposed Grade Separation w/o Ramp Access
- ● Fire Station/Dept.

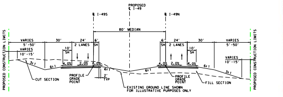
Feb. 27, 2018

Highway 22 – Interstate 40
Crawford and Sebastian Counties, Arkansas

ARDOT ARKANSAS DEPARTMENT OF TRANSPORTATION

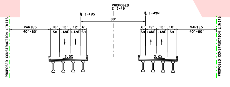
N
UPRR
18
64
40
162
Main St.
133
Hamer Rd.
Frog Bayou
12
6
5
540
KIBLER
Waterfront Rd.
Kibler Hwy.
Clear Creek Rd.
Shibley Rd.
Sunnyside Rd.
Catcher Rd.
Elm Blvd.
Alma Rd.
New Town Rd.
3
8
Oak Grove Rd.
Westville Rd.
Arkansas Ave.
Thornhill St.
Cross Lanes Rd.
McClure Rd.
N
DAVID & PAULA CRABTREE
DEXTER & CHELSEA PEARCY
SHIRLEY RELEFORD & CAROL RELEFORD
ROBERT W. GRAY
THOMAS & KELLY HESSON
RALPH & SANDRA SMITH
RACHEL FRAZIER
MARTY & TERESA ARNOLD
MARY ANN FENDER
HEATH TRENT
EDGAR MARTIN, TERESA ARNOLD & CORY ARNOLD
WILLIAM T. SANDERS, JR.
GAMALIEL GONZALES
CASEY S. DOYLE
JAMES & ASHLEY PATILLO, JR.
ALTON YATES
LANE INGE
MARK & DEBRA ROWAN
HENRY & SUSAN POWERS
NEW TOWN RD
GREEN ACRES CIR.
RICHLAND RD
RICHLAND RD EXTENSION
6'X4' SINGLE BOX CULVERT
540+00
545+00
550+00
555+00
560+00
565+00
570+00
10+00
15+00
20+00


MATCH LINE CC STA 12+00
SH 162
ALMA DR
CLEAR CREEK RD
℄ CLEAR CREEK RD
WATERFRONT RD
FROG BAYOU
RICHLAND RD
MUSCADINE LN
PROPOSED ℄ I-49 ML
℄ SW-RP-CC
℄ NE-RP-CC
℄ SW-LOOP-CC
℄ NE-LOOP-CC
℄ SE-RP-CC
6'X4' SINGLE BOX CULVERT
MARC & BRENDA WHITAKER
EDWARD P. BOYD
JAMES & PENNEY LANE, SR.
DON & ARLAWEEN NEWTON
JOHN JOHNSON
SLADE & BURTON, LLC
ALLEN M. POWELL LIVING TRUST
WAKEFIELD FAMILY TRUST
JAMES & ROSE MARIE ARNOLD


PROPOSED ℄ I-49
℄ I-49S
℄ I-49N
80' MEDIAN
VARIES 5'-50'
VARIES 10'-15'
30'
24'
6'
10'
2 LANES
SH
4.0%
2.0%
6:1
3:1
2' TYP
CUT SECTION
PROFILE GRADE POINT
FILL SECTION
EXISTING GROUND LINE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY
PROPOSED CONSTRUCTION LIMITS

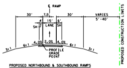
PROPOSED I-49

THIS TYPICAL SECTION DOES NOT REFLECT RAMPS, AUXILIARY LANES OR LANE CONFIGURATION AT INTERSECTIONS.
SECTION IS SHOWN TO ILLUSTRATE TYPICAL LANE CONFIGURATION FOR THE LENGTH OF THIS PROJECT.
SECTION SHOWN ALSO DOES NOT REFLECT CROSS SLOPE CHANGES.

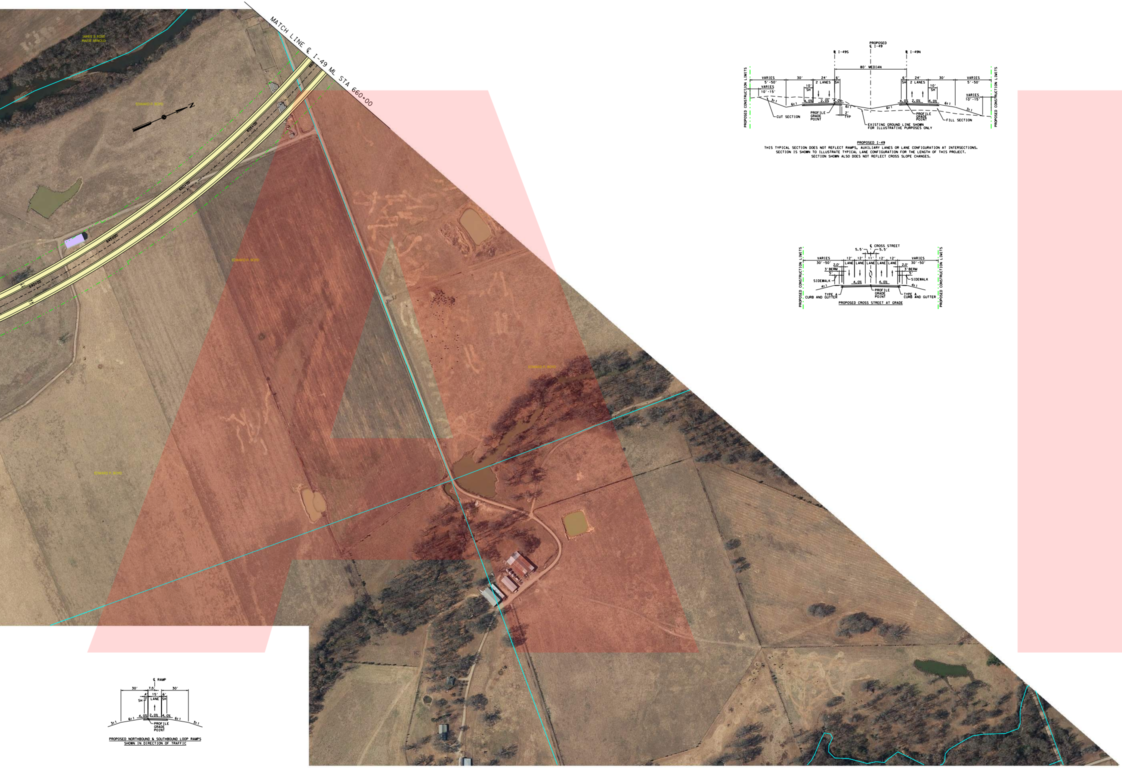

PROPOSED ℄ I-49
℄ I-49S
℄ I-49N
80'
VARIES 40'-60'
10'
12'
6'
SH
LANE
2.0%
PROPOSED CONSTRUCTION LIMITS

PROPOSED I-49 BRIDGE AT CROSS STREETS AND CREEKS

THIS TYPICAL SECTION DOES NOT REFLECT RAMPS, AUXILIARY LANES OR LANE CONFIGURATION AT INTERSECTIONS.
SECTION IS SHOWN TO ILLUSTRATE TYPICAL LANE CONFIGURATION FOR BRIDGE LIMITS OF THIS PROJECT.


℄ RAMP
30'
7.5'
VARIES 5'-40'
4'
15'
6'
SH
LANE
4.0%
2.0%
6:1
3:1
PROFILE GRADE POINT
PROPOSED CONSTRUCTION LIMITS

PROPOSED NORTHBOUND & SOUTHBOUND RAMPS
SHOWN IN DIRECTION OF TRAFFIC


MATCH LINE ℄ I-49 ML STA 660+00
JAMES & ROSE
MARIE ARNOLD
EDWARD P. BOYD
N
640+00
645+00
650+00
655+00
660
EDWARD P. BOYD
EDWARD P. BOYD
EDWARD P. BOYD
PROPOSED
℄ I-49
℄ I-49S
℄ I-49N
80' MEDIAN
VARIES
5'-50'
30'
24'
2 LANES
6'
SH
10'
SH
VARIES
10'-15'
4.0%
2.0%
4.0%
3:1
6:1
6:1
6:1
2'
TYP
PROFILE
GRADE
POINT
CUT SECTION
EXISTING GROUND LINE SHOWN
FOR ILLUSTRATIVE PURPOSES ONLY
FILL SECTION
PROPOSED CONSTRUCTION LIMITS
PROPOSED CONSTRUCTION LIMITS
℄ CROSS STREET
5.5'
5.5'
VARIES
30'-50'
12'
12'
11'
12'
12'
LANE
LANE
LANE
LANE
LANE
2.0'
3' BERM
5'
SIDEWALK
4.0%
4.0%
4:1
4:1
TYPE A
CURB AND GUTTER
PROFILE
GRADE
POINT
TYPE A
CURB AND GUTTER
SIDEWALK
PROPOSED CONSTRUCTION LIMITS
PROPOSED CONSTRUCTION LIMITS
℄ RAMP
30'
7.5'
30'
4'
15'
6'
SH
LANE
SH
4.0%
2.0%
4.0%
3:1
6:1
6:1
3:1
PROFILE
GRADE
POINT

PROPOSED I-49

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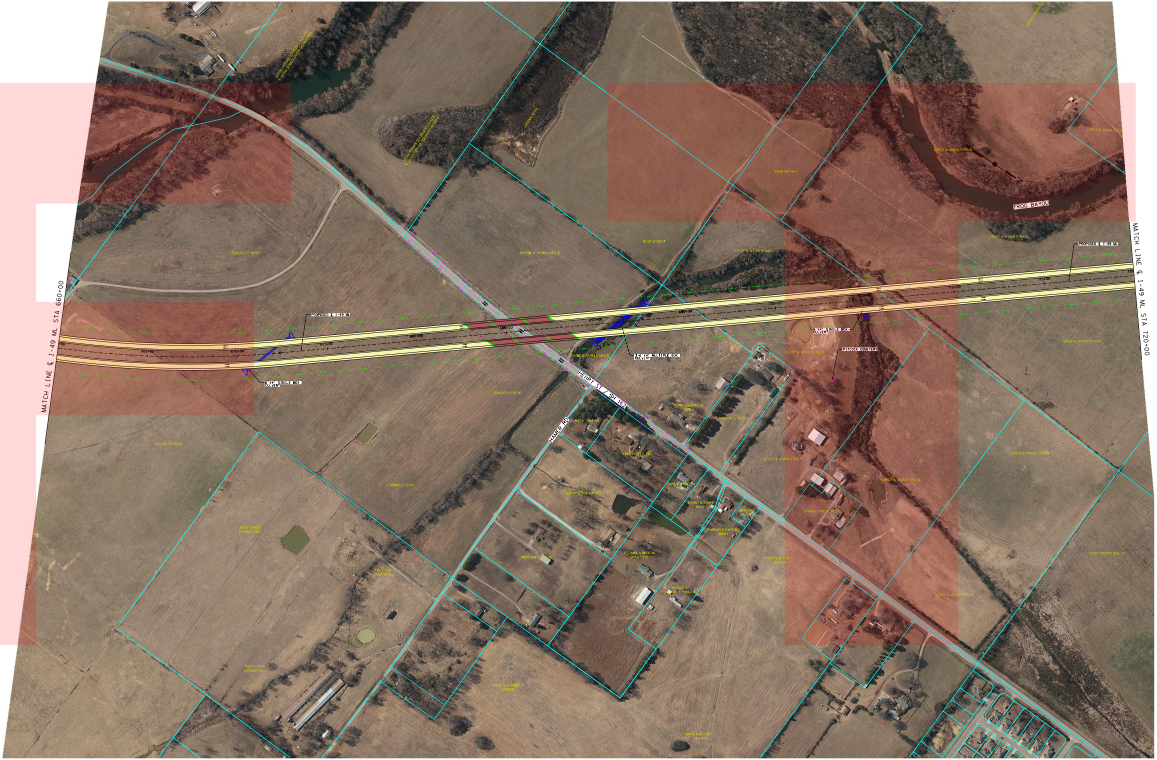
PROPOSED CROSS STREET AT GRADE

PROPOSED NORTHBOUND & SOUTHBOUND LOOP RAMPS SHOWN IN DIRECTION OF TRAFFIC


MATCH LINE ℄ I-49 ML STA 660+00
MATCH LINE ℄ I-49 ML STA 720+00
SHARON CHITWOOD BYPASS TRUST & SCOTTY CHITWOOD BYPASS TRUST
JULIA WRIGHT
LEROY & WAIVA STRAIN
FROG BAYOU
EDWARD P. BOYD
RONNIE & PAMELA SIVILS
PROPOSED ℄ I-49 ML
6'X4' SINGLE BOX CULVERT
3-6'X4' MULTIPLE BOX CULVERT
PITCOCK CEMETERY
665+00
670+00
675+00
680+00
685+00
690+00
695+00
700+00
705+00
710+00
715+00
720+00
HENRY ST / SH 162
HAMER RD
JASON GRAHAM
VERNON S. TREECE
TERRY FIMPLE, ETAL
TOMMY & BETH JONES
RANDY & ANGELA JONES
DANNY & TAMMY HASSELL
KRYSTAN JENKINS
CHARLES & CYNTHIA HENRY
MICHAEL & BRENDA CRAWFORD
HICKS FAMILY TRUST
HAROLD & AUDREY J. OSBURN
STRAIN FAMILY TRUST
MARK S. & EMILY J. RUCKER
JERRY DON & LAWANA GILL
VINES PROPERTIES, LP

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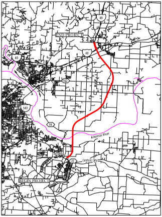
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▨	Zone AE Floodway
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